

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009764.D
 Acq On : 28 Jul 2022 20:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 02:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	153373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	229129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54172	53.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.840%			
35) Dibromofluoromethane	7.710	113	62019	49.768	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.540%			
50) Toluene-d8	10.173	98	184917	51.039	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.477	95	90178	54.574	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 109.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	63084	46.201	ug/l	99
3) Chloromethane	2.107	50	93315	55.818	ug/l	99
4) Vinyl Chloride	2.241	62	102035	54.692	ug/l	98
5) Bromomethane	2.637	94	73079	56.504	ug/l	96
6) Chloroethane	2.778	64	69402	62.186	ug/l	99
7) Trichlorofluoromethane	3.107	101	123873	50.263	ug/l	95
8) Diethyl Ether	3.521	74	40913	51.217	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	70429	50.535	ug/l	95
10) Methyl Iodide	4.076	142	90599	50.102	ug/l	90
11) Tert butyl alcohol	4.942	59	34642	229.527	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	64819	49.472	ug/l	85
13) Acrolein	3.716	56	5313	219.398	ug/l	97
14) Allyl chloride	4.466	41	102864	49.934	ug/l #	93
15) Acrylonitrile	5.149	53	107815	280.235	ug/l	98
16) Acetone	3.936	43	79653	217.211	ug/l	94
17) Carbon Disulfide	4.180	76	202476	50.228	ug/l	100
18) Methyl Acetate	4.466	43	50916	53.998	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	188352	52.643	ug/l	98
20) Methylene Chloride	4.698	84	90490	51.740	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	77704	51.040	ug/l	86
22) Diisopropyl ether	6.112	45	244265	55.678	ug/l	92
23) Vinyl Acetate	6.045	43	794738	268.697	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	133738	52.602	ug/l	99
25) 2-Butanone	6.978	43	139865	258.543	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	106331	43.993	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	89614	52.475	ug/l	86
28) Bromochloromethane	7.326	49	50986	55.630	ug/l	87
29) Tetrahydrofuran	7.338	42	97824	285.552	ug/l	92
30) Chloroform	7.496	83	139990	52.633	ug/l	98
31) Cyclohexane	7.777	56	116704	47.824	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	122509	51.314	ug/l	96
36) 1,1-Dichloropropene	7.911	75	106411	52.477	ug/l	97
37) Ethyl Acetate	7.063	43	64898	54.000	ug/l	97
38) Carbon Tetrachloride	7.893	117	112011	51.552	ug/l	99
39) Methylcyclohexane	9.179	83	127236	50.655	ug/l	91
40) Benzene	8.155	78	320652	53.370	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	34964m	57.102	ug/l	
42) 1,2-Dichloroethane	8.228	62	91119	54.397	ug/l	91
43) Isopropyl Acetate	8.264	43	118244	56.314	ug/l #	93
44) Trichloroethene	8.935	130	88303	51.234	ug/l	97
45) 1,2-Dichloropropane	9.209	63	80188	54.970	ug/l	95
46) Dibromomethane	9.301	93	48132	55.459	ug/l	97
47) Bromodichloromethane	9.490	83	109334	54.836	ug/l	99
48) Methyl methacrylate	9.289	41	53016	57.419	ug/l #	89
49) 1,4-Dioxane	9.289	88	14011	1100.245	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	329767	308.723	ug/l	93
52) Toluene	10.240	92	207133	55.040	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	116657	56.656	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	126145	53.342	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	70671	57.590	ug/l	98
56) Ethyl methacrylate	10.508	69	93551	61.193	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	117484	58.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	201150	255.939	ug/l	95
59) 2-Hexanone	10.831	43	227331	298.628	ug/l	89
60) Dibromochloromethane	10.983	129	86990	58.610	ug/l	99
61) 1,2-Dibromoethane	11.087	107	68689	57.465	ug/l	99
64) Tetrachloroethene	10.715	164	94887	52.627	ug/l	99
65) Chlorobenzene	11.514	112	229733	50.065	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	88615	51.895	ug/l	98
67) Ethyl Benzene	11.587	91	411140	51.836	ug/l	99
68) m/p-Xylenes	11.697	106	329267	104.579	ug/l	90
69) o-Xylene	12.026	106	156964	53.310	ug/l	88
70) Styrene	12.044	104	271695	54.904	ug/l	93
71) Bromoform	12.203	173	59861	54.898	ug/l #	100
73) Isopropylbenzene	12.325	105	404100	49.570	ug/l	99
74) N-amyl acetate	12.142	43	109303	51.910	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	82466	51.429	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	58343m	51.220	ug/l	
77) Bromobenzene	12.605	156	102711	50.733	ug/l	89
78) n-propylbenzene	12.666	91	488098	50.383	ug/l	97
79) 2-Chlorotoluene	12.751	91	270643	49.362	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	340924	50.461	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	27836	48.711	ug/l	87
82) 4-Chlorotoluene	12.849	91	281755	49.400	ug/l	95
83) tert-Butylbenzene	13.075	119	296366	48.812	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	339153	49.804	ug/l	97
85) sec-Butylbenzene	13.251	105	442593	49.649	ug/l	98
86) p-Isopropyltoluene	13.367	119	374700	49.696	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	200975	49.164	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	202085	49.090	ug/l	97
89) n-Butylbenzene	13.696	91	347389	50.291	ug/l	99
90) Hexachloroethane	13.959	117	73661	49.665	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	184001	50.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13647	50.649	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	110415	47.919	ug/l	99
94) Hexachlorobutadiene	15.111	225	64421	46.176	ug/l	98
95) Naphthalene	15.233	128	211988	49.082	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92775	46.035	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

